

AUTHOR: Markov, K.K.

SOV-17-1-4-1-22

TITLE: Two Particular Questions on the Geography of East Antarctica
(Dva chastnykh voprosa geografii Vostochnoy Antarkidy)

PERIODICAL: Izvestiya Vsesoyuznogo geograficheskogo obshchestva, 1958,
Vol 90, Nr 4, pp 305-314 (USSR)

ABSTRACT: In 1957, the Soviet Antarctic expedition, headed by G. A. Dorosh-
chevskiy, gave a final answer to two questions that have puzzled
geographers for the last 30 years. In the first case, Norwegian
explorer of the Antarctic, Lars Christensen, reported in 1924
the discovery of two connected volcanoes on the shelf glacier
Amery (Emeril). In 1957, the above mentioned Soviet expedition
thoroughly explored the region of Amery glacier by plane and
found no traces of these volcanoes. They do not exist. In the
second case - the same Soviet expedition confirmed the exist-
ence of the ice of Unite, which has appeared on maps only

Card 1/2

Two Particular questions on the Geography of East Antarctica

after 1930, situated near the border of the Enderby land and Prince Olaf Land, at about 50° eastern longitude. There are 6 maps, 1 table and 15 references, one of which is Soviet, 2 German, 2 Norwegian, and 10 English.

1. Antarctic regions--geography

Card 2/2

MARKOV, Konstantin Konstantinovich, prof., doktor geograficheskikh nauk; SUKHOV, A.D., red.; SAVCHENKO, Ye.V., tekhn.red.

[Sailing round the world in the southern hemisphere] Krugosvetnoe plavanie v iuzhnom polusharii. Moskva, Izd-vo "Znanie," 1959. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh i nauchnykh znaniy. Ser.9, no.12) (MIRA 12:8)
(Voyages and travels)

MARKOV, K.K., red.; POPOV, A.I., red.; ASTROV, A.V., red.; YERMAKOV,
M.S., tekhn.red.

[Ice age in European U.S.S.R. and Siberia] Lednikovyi period
na territorii Evropeiskoi chasti SSSR i Sibiri. Pod red.
K.K.Markova, A.I.Popova. Moskva, 1959. 559 p. (MIRA 12:6)

1. Moscow. Universitet.
(Glacial epoch)

3(5)

SOV/26-59-7-3/55

AUTHORS: Brodskiy, K.A., Markov, K.K., and Shil'nikov, V.I.

TITLE: The Zonality of Moderate and High Latitudes of the Southern Hemisphere

PERIODICAL: Priroda, 1959, Nr 7, pp 19-26 (USSR)

ABSTRACT: The article deals with the establishment of zones of moderate and high latitudes of the Southern Hemisphere based on the findings of the Antarctic expeditions of the AS USSR during 1955-56, 1956-57, and 1957-58, as well as those of Western scientists. It also discusses hydrological and biological aspects of that region. The chart enclosed between pp 24 and 25 shows the boundaries of the antarctic, subantarctic, and moderate zones, as well as other geographical data compiled by the expeditionary ship "Lena", the diesel-electric ship "Ob'", and the diesel ship "Kooperatsiya". The article mentions the names of the following Soviet scientists: B.P. Alisov, G.M. Tauber, V.I. Shil'nikov, K.A. Brodskiy, K.K. Markov, Tolstikov, Golyshev, and

Card 1/2

SOV/26-59-7-3/55

The Zonality of Moderate and High Latitudes of the Southern Hemisphere

Kolp. There are 2 photos, 1 diagram, 1 chart, 4 graphs and 8 references, 3 of which are Soviet, 3 English, 1 Argentinian, and 1 Australian.

ASSOCIATION: Kompleksnaya Antarkticheskaya ekspeditsiya Akademii nauk SSSR (Joint Antarctic Expedition of the AS USSR) ✓

Card 2/2

MARKOV, K.K., doktor geograf. nauk

Weathering in Antarctica. Inform. bnl. Sov. antark. eksp. no.9:
9-12 '59 (MIRA 13:3)

1. Moskovskiy gosudarstvennyy universitet.
(Antarctic regions--Weathering)

MARKOV, K.K.

Geographical institutions in the Southern Hemisphere. Vest.Mosk.
un.Ser.biol., pochv., geol., goeg. 14 no.4:231-237 '59.
(MIRA 13:6)
(Geography--Study and teaching)

MARKOV, K. K.

"Geographic Results of Soviet Investigations in the Antarctic"

report to be submitted for the Intl. Geographical Union, 10th General Assembly
and 19th Intl. Geographical Congress, Stockholm, Sweden, 6-13 August 1960.

MARKOV, Konstantin Konstantinovich; GELLER, S.Yu., prof., red.;
KHAKIMOV, V.Z., red.; GEORGIYEVA, G.I., tekhn.red.

[Paleogeography; historical geography] Paleogeografiia; isto-
richeskoe zemlevedenie. Pod red. S.IU.Gellera. Izd.2., perer.
Moskva, Izd-vo Mosk.univ., 1960. 266 p.

(MIRA 13:12)

(Paleogeography)

MARKOV, K.K., red.; POPOV, A.I., red.; SMIRNOVA, T.I., red.; GEORGIYEVA,
G.I., tekhn. red.

[Periglacial phenomena in the U.S.S.R.] Perigliatsial'nye iavleniia
na territorii SSSR; sbornik statei. Moskva, Izd-vo Mosk. univ.,
1960. 287 p. (MIRA 14:7)

(Glaciology)

MARKOV, K.K.; SMIRNOVA, N.P., red.; PODOL'SKAYA, M.Ya., red.kart;
TSYPP0, R.V., tekhn.red.

[Voyages to Antarctica and around the world; book for students]
Puteshestviia v Antarktidu i vokrug sveta; kniga dlia uchashchikhsia.
Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1960. 287 p.
(MIRA 13:11)

(Antarctic regions--Discovery and exploration)
(Voyages around the world)

KRYLENKO, Nikolay Vasil'yevich; BARKHASE, L.L., red.; KRYLENKO, Z.A., red.; MARKOV, K.K., red.; SHCHERBAKOV, D.I., akademik, red.; GRISHINA, L.I., red.; MALYES, B.N., mladshiy red.; MAL'CHEVSKIY, G.N., red.kart; VILENSKAYA, E.N., tekhn.red.

[In the unexplored Pamirs] Po neissledovannomu Pamiru. Moskva, Gos.izd-vo geogr.lit-ry, 1960. 347 p.

(MIRA 13:7)

(Pamirs--Description and travel)

BYKOV, V.D., red.; KOSOV, B.F., red.; LAZUKOV, G.I., red.; MARKOV, K.K., red.; RYABCHIKOV, A.M., red.; SAUSHKIN, Yu.G., red.; YANIKOV, G.V., red.; CHERNYKH, M.P., mladshiy red.; MAL'CHEVSKIY, G.N., red.kart; VILENSKAYA, E.N., tekhn.red.

[Methodology of geographical studies] Metody geograficheskikh issledovaniy; sbornik statei. Moskva, Gos.izd-vo geogr.lit-ry, 1960. 388 p. (MIRA 13:12)

1. Moscow. Universitet. 2. Kafedra gidrologii sushi Moskovskogo gosudarstvennogo universiteta (for Bykov). 3. Kafedra geomorfologii Moskovskogo gosudarstvennogo universiteta (for Kosov). 4. Kafedra obshchego zemledeliya Moskovskogo gosudarstvennogo universiteta (for Lazukov, Markov). 5. Kafedra fizicheskoy geografii zarubezhnykh stran Moskovskogo gosudarstvennogo universiteta (for Ryabchikov). (Geography--Study and teaching)

BERG, Lev Semenovich, akademik; MURZAYEV, E.M., doktor geograf.nauk, otv.red.; PAVLOVSKIY, Ye.N., akademik, red.; GELLER, S.Yu., red.; GERASIMOV, I.P., akademik, red.; GRIGOR'YEV, A.A., akademik, red.; KALESNIK, S.V., red.; LINDBERG, G.U., red.; MARKOV, K.K., red.; NIKOL'SKIY, G.V., red.; NIKOL'SKAYA, V.V., red.; OBRUCHEV, D.V., red.; PAVLOVSKIY, Ye.N., akademik, red.; SVETOVIDOV, A.N., red.; SPRIGINA, L.I., red.izd-va; GOLUB', S.P., tekhn.red.

[Selected works] Izbrannye trudy. Moskva, Izd-vo Akad.nauk SSSR. Vol.3. [Central Asia. Loess] Sredniasia Aziia; Less. 1960. 550 p. (MIRA 13:11)

1. Chleny-korrespondenty AN SSSR (for Kalesnik, Nikol'skiy, Svetovidov).
(Soviet Central Asia--Physical geography) (Loess)

MARKOV, K.K.

Marine moraines in Quaternary deposits. Izv. AN SSSR. Ser. geogr.
no. 3:75-79 My-Je '60. (MIRA 13:6)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Moraines)

MARKOV, K.K.

Mummified seals and penguins found in Antarctica. Izv. AN
SSSR. Ser. geog. no. 4:72-75 J1-Ag '60. (MIRA 13:7)

1. Moskovskiy Gosudarstvennyy universitet imeni M.V. Lomonosova
Geograficheskiy fakul'tet.
(Antarctic regions--Seals (Animals))
(Antarctic regions--Penguins)

MARKOV, K.K.

Average elevation of Antarctica. Vest. Mosk. un. Ser.5:
Geog. 15 no.3:7-14 My - Je '60. (MIRA 13:7)

1. Kafedra obshchego zemlevedeniya Moskovskogo univer-
siteta.

(Antarctica--Altitudes)

MARKOV, K.K.

Paleogeography of Tierra del Fuego and Patagonia in view of
general problems of paleogeography of the Quaternary. Vest.
Mosk. un. Ser. 5: Geog. 15 no. 5:3-13 8-0 '60. (MIRA 13:11)

1. Kafedra obshchego zemlevedeniya Moskovskogo universiteta.
(Patagonia--Paleogeography)
(Tierra Del Fuego--Paleogeography)

DEVYATOVA, Eleonora Ivanovna; MARKOV, K.K., doktor geogr. nauk, prof.,
otv. red.; IVENSEN, Yu.P., doktor geol.-mineral. nauk, otv.
red.; SHENGER, I.A., red. izd-va; ZENDEL', M.Ye., tekhn. red.

[Stratigraphy of Quaternary sediments and paleogeography of the
Quaternary period of the Onega basin] Stratigrafiia chetver-
tichnykh otlozhenii i paleogeografiia chetvertichnogo perioda v
basseine reki Onegi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 88 p.
(MIRA 14:8)

(Onega Valley—Paleogeography) (Onega Valley—Geology, Stratigraphic)

MARKOV, K.K., prof., red.; BEINYAKOVA, Ye.V., red.; MASLENNIKOVA, T.A.,
tekhn. red.

[Paleogeography of the Quaternary period in the U.S.S.R.; for the
Sixth Congress of INQUA in Poland] Paleogeografiia chetvertichnogo
perioda SSSR; k VI kongressu INKVA v Pol'she. Moskva, Izd-vo Mosk.
univ., 1961. 211 p. (MIRA 14:11)
(Paleogeography)

MARKOV, K.K., doktor geogr. nauk, otv. red.; SENYAVINA, T.D., red. izd-
va; RYLINA, Yu.V., tekhn. red.

[Relief and stratigraphy of Quaternary deposits in the north-
western part of the East European Plain; for the Sixth Congress
of the International Association for Quaternary Research in Warsaw,
1961] Rel'ef i stratigrafiia chetvertichnykh otlozhenii severo-
zapada Russkoi ravliny; k VI kongressu INQUA v Varshave 1961.
Moskva, Izd-vo Akad. nauk SSSR, 1961. 249 p. (MIRA 14:8)

1. Akademiya nauk SSSR. Institut geografii.
(East European Plain--Geology)

MARKOV, K.K.; LAZUKOV, G.I.; GRICHUK, M.P.

Principal characteristics of the development of nature in the
U.S.S.R. during the Quaternary (Glacial Epoch). Izv. AN SSSR.
Ser. geog. no. 4:10-13 J1-Ag '61. (MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Physical geography) (Glacial Epoch)

MARKOV, K.K., doktor geograf.nauk

More about mummies of seals in Antarctica. Inform. biul. Sob.
antark. eksp. no.25:48-49 '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet.
(Antarctic regions—Mummies)

MARKOV, K. K.

Cause of glacial period. A review of G. Simpson's articles. Analele
geol geogr 15 no.4:88-94 O-D '61.

(Glacial epoch)

MARKOV, K.K.

N.N. Zubov Bay; in memory of Professor N.N. Zubov. Vest. Mosk.
un. Ser. 5: Geog. 16 no. 3:60-61 My-Je '61. (MIRA 14:5)
(Zubov Bay)

MARKOV, K.K.

Problems in the paleogeography of the Quaternary in Morocco. Trudy
Kom.chetv.per. no.26:103-119 '61. (MIRA 15:3)
(Morocco--Paleogeography)

MARKOV, K.K., prof.

Geography and space flight. Priroda 50 no.5:15 My '61.

(MIRA 14:5)

(Astronomical geography)

MARKOV, ~~Konstantin~~ Konstantinovich; BARDIN, Vladimir Igorevich; ORLOV, Aleksandr Ivanovich; BORSHCHEVSKIY, O.A., red.; PETROVA, K.A., red.; LAZAREVA, L.V., tekhn. red.

[Physicogeographical description of the coast line of eastern Antarctic] Fiziko-geograficheskaya kharakteristika beregovoi polosy Vostochnoi Antarktidy. Pod red. C.A. Borshchevskogo. Moskva, Izd-vo Mosk. univ., 1962. 147 p. (MIRA 16:1)
(Antarctic regions—Physical geography)

MARKOV, K.K.

The Sixth Session of the Congress of the International Association
on the Study of the Quaternary period, Warsaw, 1961. Vest.Mosk.un.
Ser.5: Geog. 17 no.3:48-52 My-Je '62. (MIRA 15:8)
(Geology, Stratigraphic--Congresses)

MARKOV, K. K.

Principal stratigraphic boundaries of the Quaternary system.
Trudy Kom. chetv. per. 20:140-142 '62. (MIRA 16:1)

(Geology, Stratigraphic)

MARKOV, K.K., prof.

Two heroic expeditions: 50 years since the discovery of the South
Pole. Priroda 51 no.1:93-100 Ja '62. (MIRA 15:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Antarctic regions--History)

KELDYSH, M.V., akademik; FEDOROV, Ye.K., akademik; ARTSIMOVICH, L.A., akademik; SISAKYAN, A.F., akademik; GORSKIY, I.I.; LAFISA, P.I.; FOR, V.A.; LANDAU, L.D.; LIFSHITS, Ye.M.; SPAL'NIKOV, A.I.; POKLITSEV, I.M.; ALEKSEYEVSKIY, N.Ye.; VAYNSHTEYN, I.A.; PALLADIN, A.V., akademik; SATPAYEV, A.I., akademik; AMBARTSUMYAN, V.A., akademik; PUPREVICH, V.F.; MUSHKELISVILI, N.I., akademik; KARAYEV, P.K.; MUSTEL', E.R.; MASEVIC, L.G., doktor fiz.-matem.nauk; EFRON, B.M.; MARTYNOV, D.Ya., prof.; GABOR'YEV, A.A., akademik; MAROV, K.K., prof.; COLOVNA, A.G., prof.; MIATOVA, L.G., prof.; FEVE, Ya.V.; SEMIKHATOV, B.N., prof.; TIL'W, A.G.; RYCHAGOV, G.I.; BARSHAYA, V.F.; VLASOVA, A.A.; BARANOV, Ye.F.; KIBARDINA, L.A.; ISACHENKO, A.F.; IL'INA, Yu.P.; DANILOV, A.I., prof.; FLAUDE, K.K.; NECHAYEVA, T.N., prof.; CHEFER, L., doktor; SZANTO, Ladislav, akademik; BELACHIK, Yozef; FAN KUOK V'YEN; LYGENSON, M.S., prof. (L'vov); STARKOV, N.; AERAMOVICH, Yu.; VOSKRESHENSKIY, V.; KROPACHEV, A.; REZVOY, D., prof., (L'vov); KONDRAT'YEV, V.N., akademik; LEBEDINSKIY, V.I., kand.geol.-mineral.-nauk; YANSHIN, A.L., akademik

"Priroda" is 50 years old. Priroda 51 no.1:3-16 Ja '62. (MIRA 15:1)

1. Prezident AN SSSR (for Keldysh). 2. Glavnyy uchenyy sekretar' Prezidiuma AN SSSR (for Fedorov). 3. Akademik-sekretar' Otdeleniya fiziko-matem.nauk AN SSSR (for Artsimovich). 4. Akademik-sekretar' Otdeleniya biologicheskikh nauk AN SSSR (for Sisakyan). 5. Chlen-korrespondent AN SSSR, zamestitel' akademika-sekretarya Otdeleniya
(Continued on next card)

MARKOV, K.K., prof. (Moskva)

The giant bird moa. Priroda 51 no.10:114-115 0 '62.

(MIRA 15:10)

(New Zealand—Moa)

MARKOV, K.K., prof.

Nature of the last geologic age. Priroda 51 no.12:26-33 D '62.
(MIRA 15:12)
(Paleontology, Stratigraphic) (Geology, Stratigraphic)

MARKOV, K.K.

Development of nature in the U.S.S.R. during the Quaternary.
Trudy Kom.chetv.per. 19:3-41 '62. (MIRA 16:1)
(Geology, Stratigraphic)

KORINA, Nadezhda Aleksandrovna; CHEBOTAREVA, Nina Stepanovna;
SHIK, Sergey Mikhaylovich; MARKOV, K.K., doktor geogr.
nauk, otv. red.

[Map of Quaternary sediments in the northwestern part of
the East European Plain on a 1:2,500,000 scale] Karta
chetvertichnykh otlozhenii Severo-Zapada Russkoi ravniny
mashtaba 1:2 500 000. Moskva, Izd-vo AN SSSR, 1962. 13 p.
(MIRA 18.6)

BYKOV, V.D., red.; ZVONKOVA, T.V., red.; GLADKOV, N.A., red.;
KCVALEV, S.A., red.; KOSOV, B.F., red.; MARKOV, K.K.,
red.; RYABCHIKOV, A.M., red.; SAUSHKIN, Yu.G., red.;
SIMONOV, Yu.G., red.; KHRUSHCHEV, A.T., red.;
BOKOVETSKIY, G.D., red.; KONVALYUK, I.K., mladshiy red.;
GOLITSYN, A.V., red.kart; KOSHELEVA, S.M., tekhn. red.

[Soviet geography during the period of the building of
communism] Sovetskaya geografiya v period stroitel'stva
kommunizma. Moskva, Geografiz, 1963. 486 p.

(MIRA 16:10)

(Geography)

MARKOV, K.K.

The Seventh International Congress of the Association for the
Study of the Quaternary Period. Vest. Mosk. un. Ser. 5: Geog.
18 no.4:85 J1-Ag'63. (MIRA 17:2)

MARKOV, K.K.

Notes on higher geographical education in France. Vest. Mosk.
un. Ser 5:Geog. 18 no.6:17-23 N-D '63. (MIRA 16:11)

1. Kafedra obshchego zemlevedeniya Moskovskogo universiteta.

MARKOV, K. K., prof.

Height of Antarctica. Priroda 52 no.1:114-115 '63.
(MIRA 16:1)

1. Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova

(Antarctic regions—Altitudes)

MARKOV, K.K., prof.

Largest oasis of the Antarctic. Priroda 52 no.3:111-112 '63.
(MIRA 16:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Victoria Land)

MARKOV, K.K., prof. (Moskva)

History of the Armenian highland relief. Priroda 52 no.8:
119-121 Ag '63. (MIRA 16:9)
(Armenia—Geomorphology)

MARKOV, K.K.

Polar asymmetry of the geographical envelop. Izv.Vses.geog.
ob-va 95 no.1:3-8 Ja-F '63. (MIRA 16:4)
(Polar regions--Physical geography)

ALEKSANDROVSKAYA, Nataliya Vital'yevna; **YERAMOV**, Ruben Artemovich;
IGNAT'YEV, Grigoriy Mikhaylovich; **LUKASHOVA**, Yevgeniya
Nikolayevna; **MARKOV**, Konstantin Konstantinovich;
MIKHAYLOVA, Lyudmila Alekseyevna; **RYABCHIKOV**, Aleksandr
Maksimovich, prof.; **SHAGIROVA**, I.M., red.izd-va; **YEZHOVA**,
L.L., tekhn. red.

[Physical geography of parts of the world] Fizicheskaya
geografiya chastei sveta. [By] N.V.Aleksandrovskaya i dr.
Moskva, Gos.izd-vo "Vysshaya shkola." 1963. 546 p.
(MIRA 17:1)

GRONOV, V.I., otv. red.; IVANOVA, I.K., otv. red.; KAZAKOV, K.K.,
otv. red.; LEVSEITADT, M.I., otv. red.; RAVCHIN, E.I.,
otv. red.

[Quaternary period and its history; for the Seventh
Congress of the INQUA held in the U.S.A., 1965] Chetvertich-
nyi period i ego istoriya; k VII Kongressu INQUA (SSSR, 1965).
Moskva, Nauka, 1965. 221 p. (MIRA 18:6)

1. Akademiya nauk SSSR. Komissiya po izucheniyu chetvertich-
nogo perioda.

MARKOV, K.K., prof.

Space and time in geography. Priroda 82 no. 5:56-61 1975.
(MIRA 18:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.

MARKOV, Konstantin Konstantinovich; LAZUK W, Grigoriy Ivanovich.
NIKOLAYEV, Vladimir Aleksandrovich; KISLOV, V.L., red

[Quaternary period; glacial period-quaternary period]
Chetvertichnyi period; lednikovyi period - antropogenovyi
period. Moskva, Izd-vo Mosk. univ. Vol.1. 1965. 371 p.
(MLA 18:7)

MARKOV, K. K.

"The synthesis of chronology and stratigraphy of the Quaternary Period."

report submitted for the 7th Intl Cong, Intl Assoc for Quaternary Research,
Boulder & Denver, Colo, 30 Aug-5 Sep 61.

MARKOV, Konstantin Konstantinovich; LAZUKOV, Grigoriy Ivanovich;
NIKOLAYEV, Vladimir Aleksandrovich; KISLOV, I.I., red.

[Quaternary period; Glacial epoch - Quaternary period]
Chetvertichnyi period; lednikovyi period - antropogenovyi
period. Moskva, Izd-vo Mosk. univ. Vol.2. 1965. 434 p.
(MIRA 18:10)

MARKOV, K.K.; MAKUNINA, A.A.

Reviews and bibliography. Vest. Mosk. un. Ser. 5: Geog. 20
no.1:95-96 Ja-F '65. (MIRA 18:3)

RYABCHIKOV A.M., prof.; SHCHUKIN, I.D.; SAUSHEIN, Yu.G., prof.,
GVOZDETSKIY, N.A.; MARKOV, K.K.; ANUCHIN, V.A.; SOLNICH,
I.A., doktor, geogr. nauk

Senior Soviet Geographer, 1875- ; 90th birthday of Aleksandr
Nikolaevich Dzhevakhishvili. Vest. Mosk. un. Ser. 5: Geog.
20 no.5:82 S-O '65. (MIRA 8:12)

MARKOV, E.K., et. P. (Moskva)

A hundred thousand years ago; the planet's surface during the
Glacial epoch. Filmda 54 no.2233-35 P 165.

(MIRA 18:10)

I. C8696-67 EWT(1) GW
ACC NR, A17001652

SOURCE CODE: UR/3174/66/000/057/0021/1327

AUTHOR: Markov, K. K. (Doctor of geographical sciences)

ORG: Moscow State University (Moskovskiy gosudarstvennyy universitet)

50
B+1

TITLE: Decade of Soviet geographical research in antarctica

SOURCE: Sovetskaya antarkticheskaya ekspeditsiya, 1955-. Informatsionnyy byulleten', v. 57, 1966, 21-27

TOPIC TAGS: cartography, geodesy, geography, aerial photography

ABSTRACT: This is one of the special articles in the Bulletin of the Soviet Antarctic Expedition, no. 57, 1966, which is completely devoted to summarizing Soviet research in Antarctica during the past ten years. The article is one of the shorter contributions in the number, possibly because much material of a geographic nature is in fact given in the other articles of the same publication. In general, the subjects dealt with are: cartography, aerial photography, geodesy, geomorphology, glaciology, biogeography, paleogeography, vertical and horizontal zonality, the geographical polar asymmetry, definition of the Antarctic and Subantarctic zones, etc. It is noted that future geographical research should have the final objective of evaluation of the natural potential of Antarctica. There are no maps or bibliography. As men-

Cord 1/2

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ACC NR: AT7001652

tioned above, the other articles in issue No. 57 contain most of the generalizations and detail of interest to a geographer; whereas some articles (such as on geology) in this number stand by themselves as coherent contributions, the article cited below is most valuable when read in combination with the others. [JPRS: 38,230]

SUB CODE: 08 / SUBM DATE: 14Oct65

Card 2/2 not

ACC NR: AP7013711

SOURCE CODE: UR/0026/66/000/005/0021/003

AUTHOR: Markov, K. K. (Professor)

ORG: Moscow State University im. M. B. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Latest pages in the history of the earth

SOURCE: Priroda, no. 5, 1966, 21-32

TOPIC TAGS: geology, tectonics, physical geography, climatic condition

SUB CODE: 08,04

ABSTRACT:

Priroda has published an exceptionally detailed review of the known facts on Pleistocene paleogeography. The planetary increase of cooling and aridity is illustrated in a series of eight diagrams showing: conditions in eastern England, in Europe as a whole, in eastern Siberia, in the Atlantic Ocean, in the Mediterranean area, in the Antarctic Ocean and in the temperate latitudes of the Northern Hemisphere. Fig. 10 is a large fold-out map showing the paleogeography of the earth as a whole from the maximum of Pleistocene cooling to modern times. There is a discussion of the causes of the changes experienced on earth during the Quaternary, that is, the hypotheses that they were

Card 1/2

UDC: 551.8

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ACC NR: AP7013711

solar-induced or tectonically induced. The author feels that both factors were involved. The tectonically induced and increasing uplift of the continents was the cause of the increasing cooling of the earth's surface and the associated changes of climate, fauna and flora. The rhythms expressed in alternate movement of geographic zones, first equatorward (cooling) and then poleward (warming) were caused by rhythms of solar activity. Orig. art. has: 11 figures. [JPRS: 40,106]

Card 2/2

ACC NR: A7005459

SOURCE CODE: UR/0026/66/000/010/0052/0057

AUTHOR: Markov, K. K. (Professor; Moscow)

ORG: none

TITLE: Geography of Antarctica

SOURCE: Priroda, no. 10, 1966, 52-57

TOPIC CLASS: geography, antarctic geography

ABSTRACT: Professor Markov feels that sufficient data now have been collected on Antarctic geography to permit a geographical synthesis. This is necessary for the peaceful and successful exploitation of the natural resources of Antarctica. The author stresses the value of the comparative method of geography, particularly comparison of the Arctic and Antarctica. He notes that such comparisons should include the Arctic, Subantarctic and Temperate zones of both hemispheres, and emphasizes that all three now have only recently been clearly defined in the southern hemisphere. The concept of planetary symmetry does not apply to the Arctic and Antarctica, which in many ways are opposites. Professor D. P. Alisov defined the three belts by meteorological descriptions. Orig. art. has: 3 figures. [JPRS: 39,180]

SUB CODE: 06 / SUBM DATE: none

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UDC: 919.9

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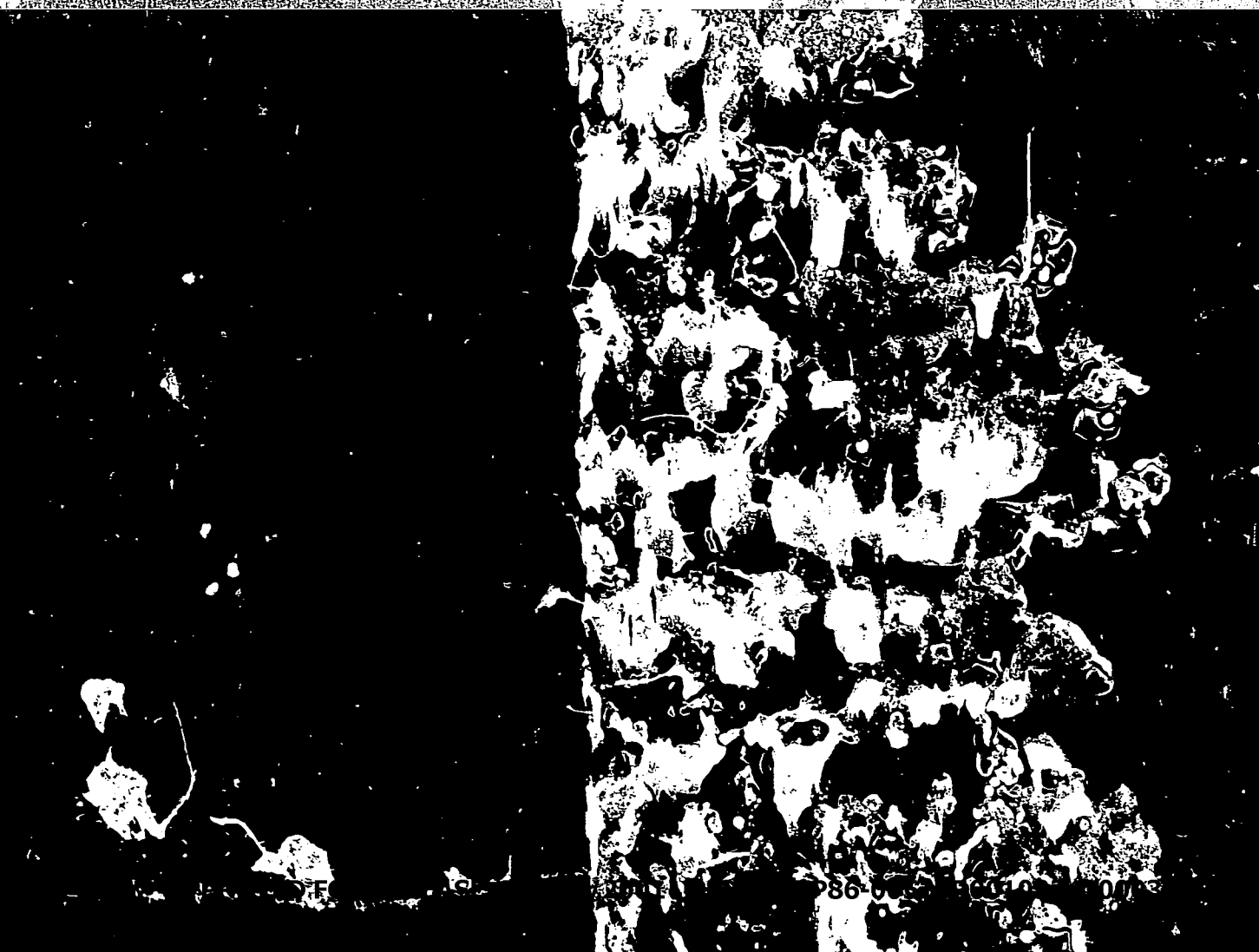


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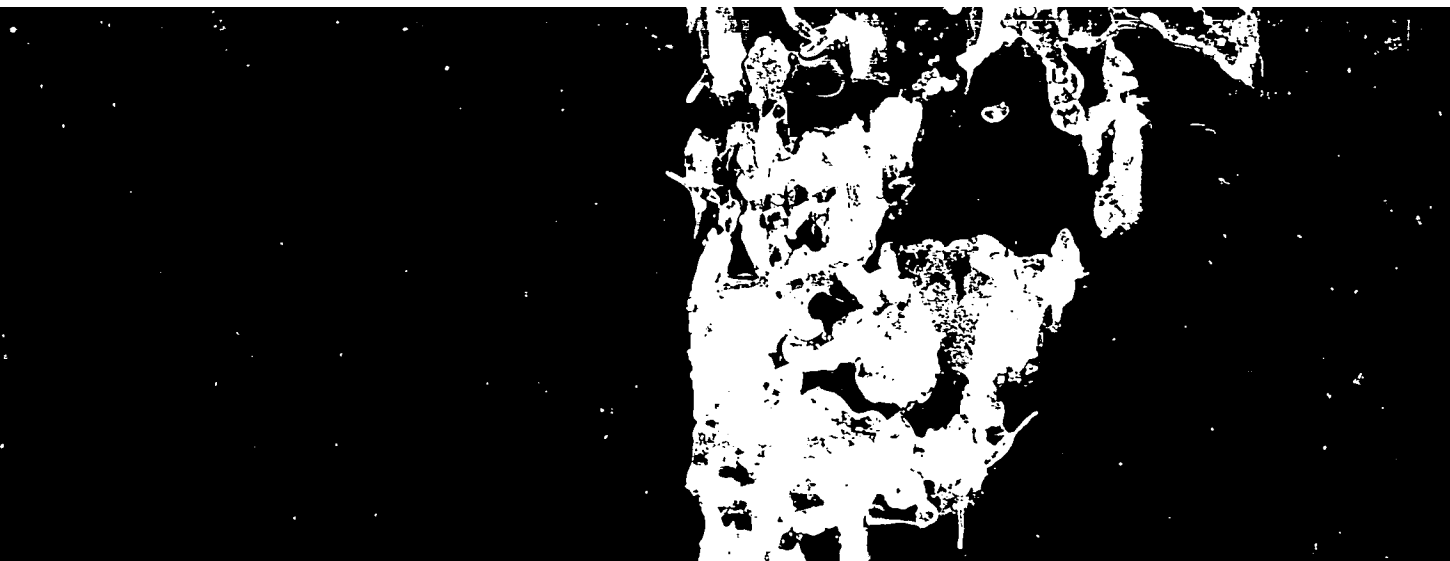
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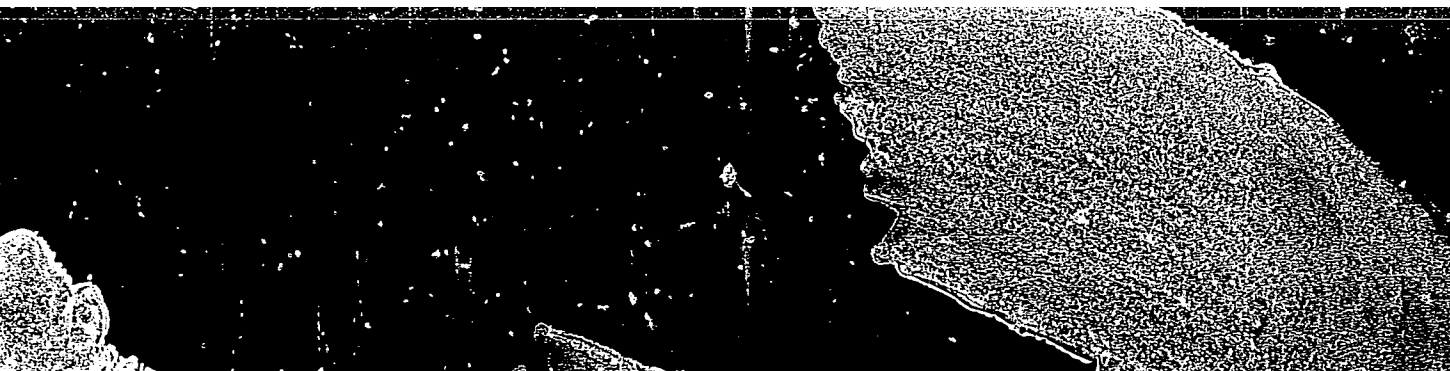
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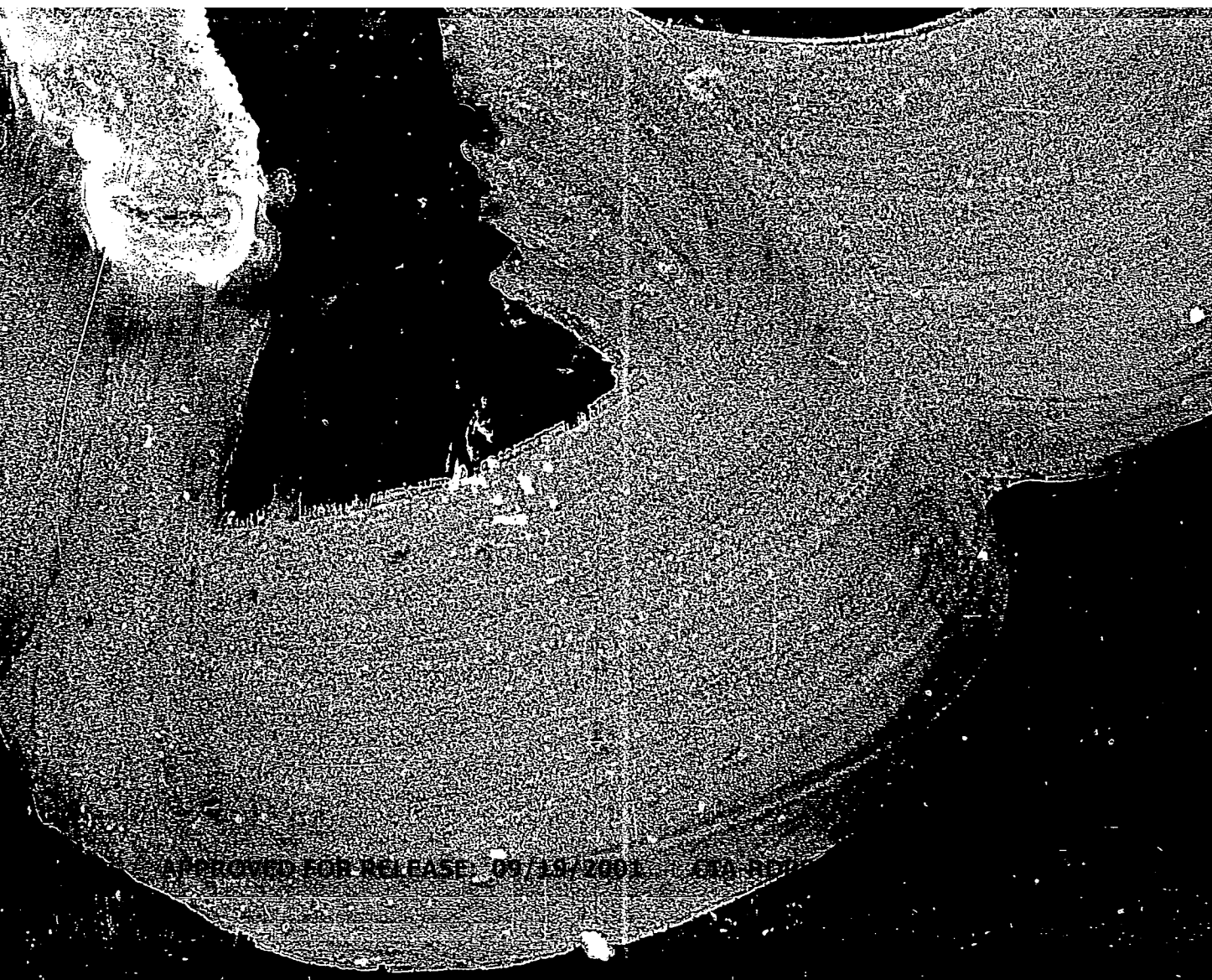


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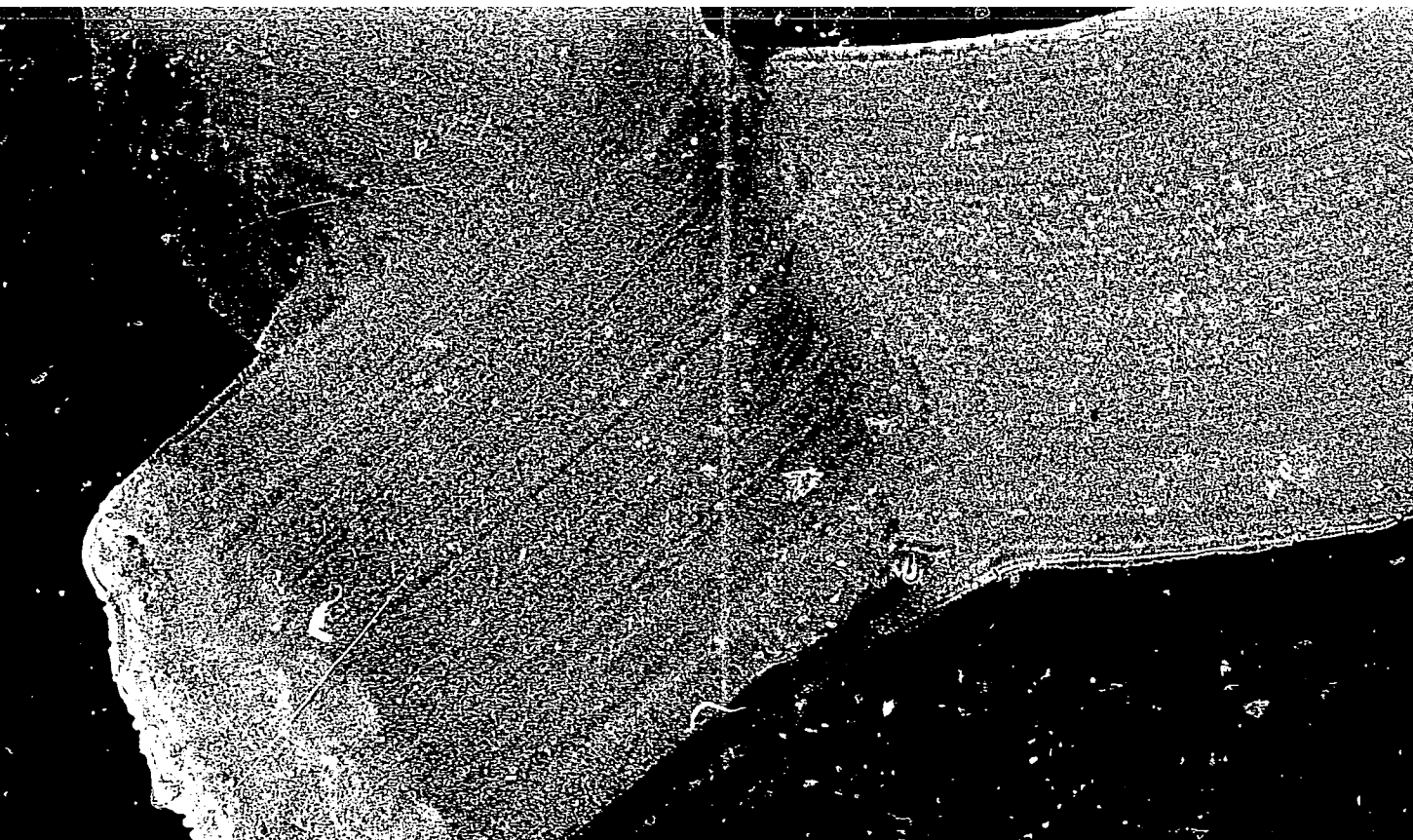


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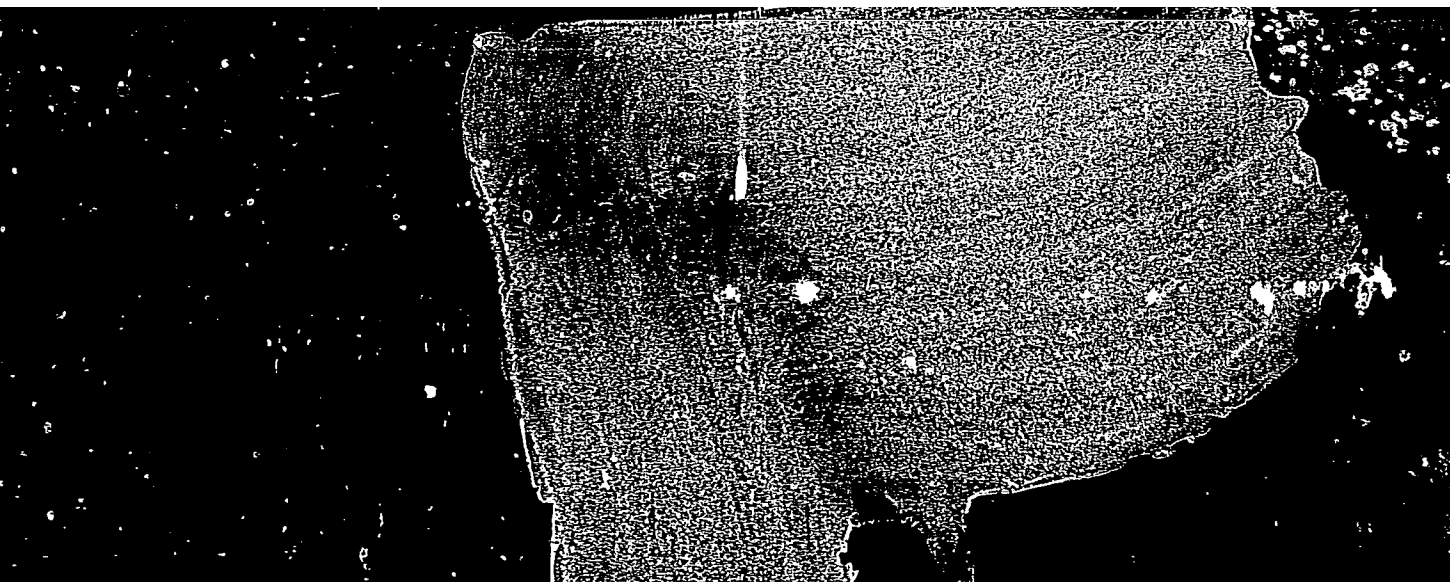


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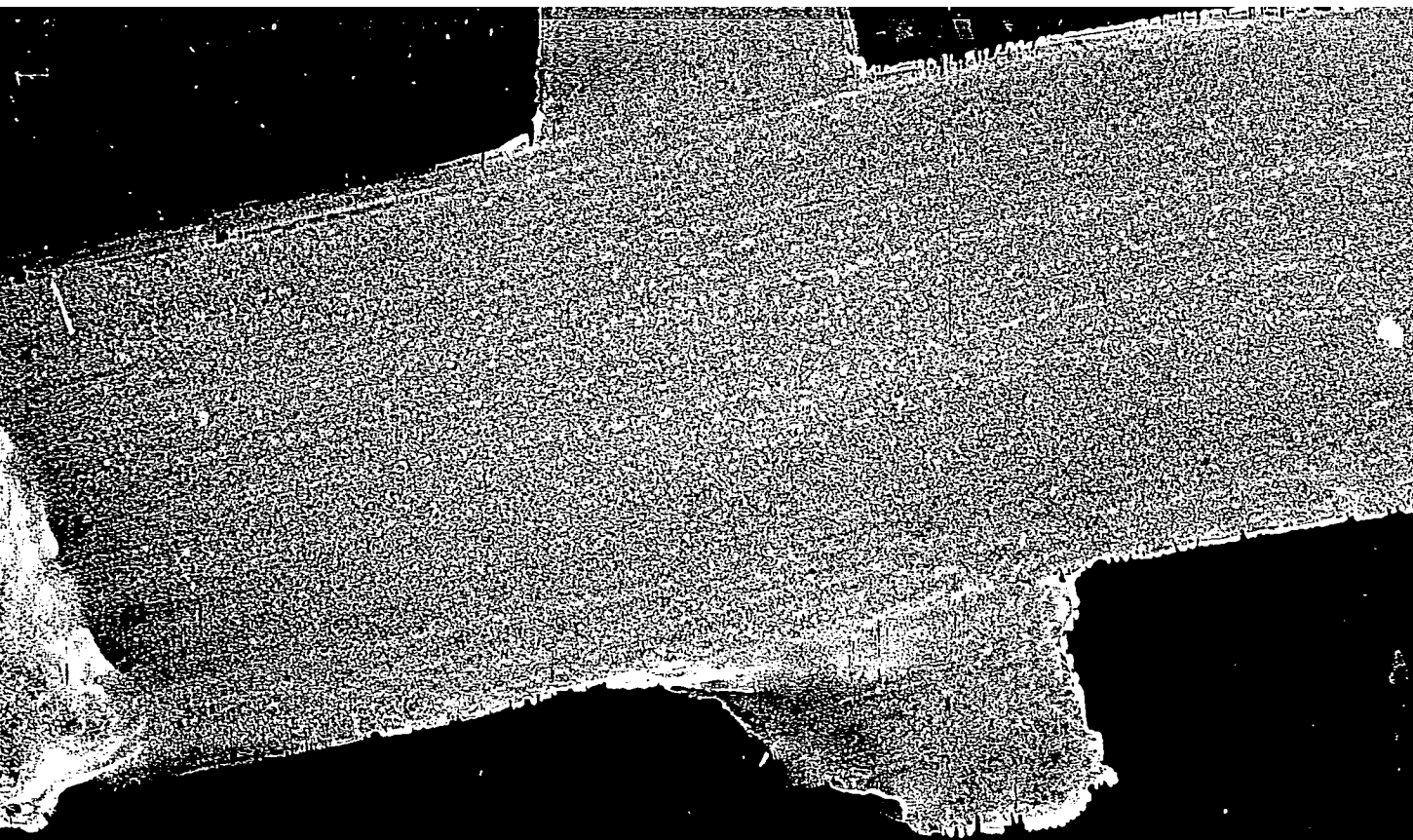


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